

## Strategic Client Planning System Three-Tier Architecture

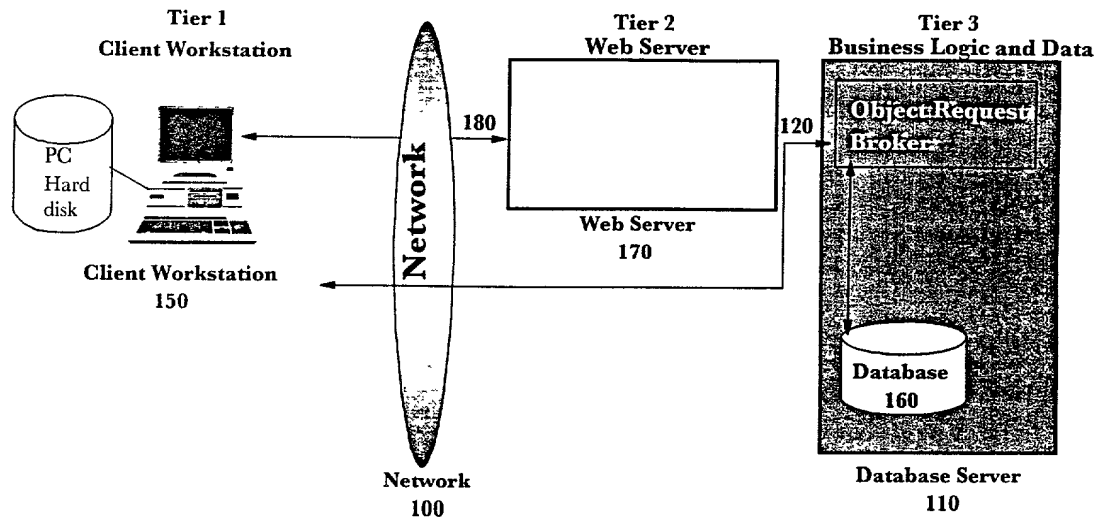


Fig. 1

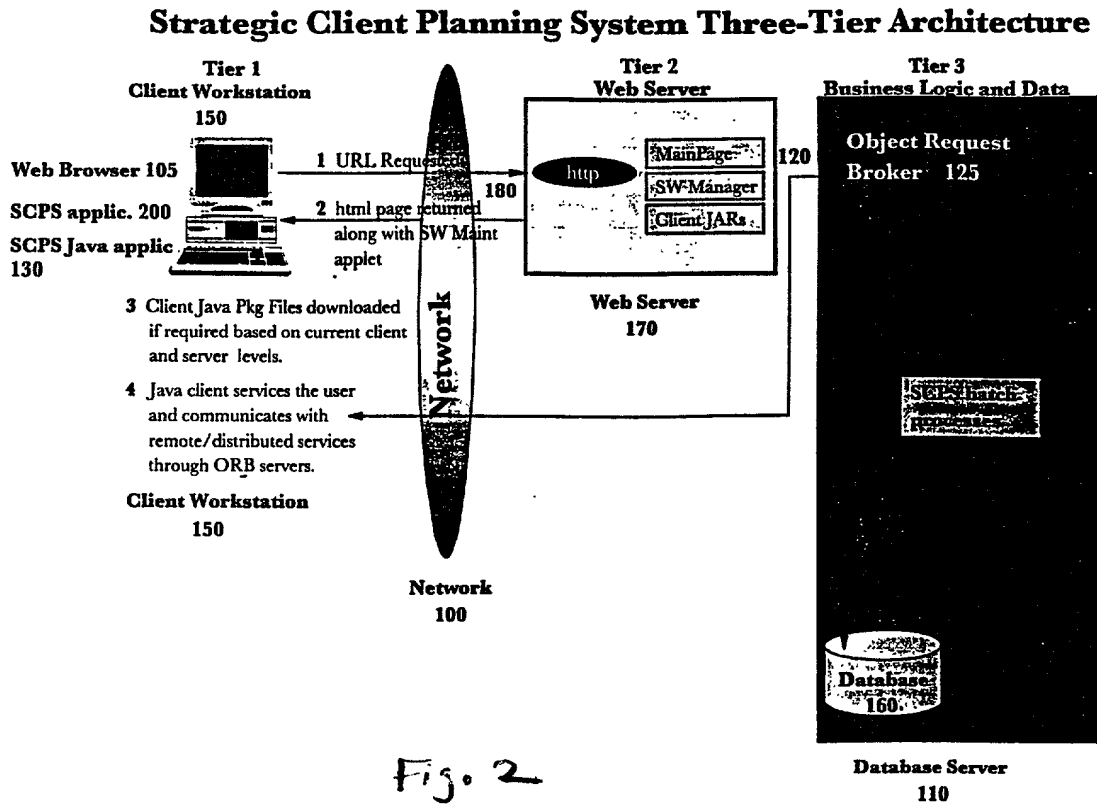


Fig. 2

SCPS Worksheet Definition - CGBALA ON WISDVL1 (ETISN57) - New Worksheet Definition

File Help ☐ Read Only

Save Save As Print Run Exit Help Topics

Datasource: WISDVL1 Name: MYSAMPLE Description: Sample Updatable WorkSheet

Primary Comparison Relationships Columns Groups Sort Totals Constraints SQL Preferences

Type: All-

Schema: WISARD

Table Type	Table Description	Table Name
Table	SHIPCOM 199811	SHIPCOM_PREV
Table*	SHIPREQ	SHIPREQ
Table	SHIPREQ_PRELIM	SHIPREQ_PRELIM
Table	SHIPREQ 199811	SHIPREQ_PREV
Table	SHIPREQB	SHIPREQB
Table	SHIPREQB 199811	SHIPREQB_PREV
Table	SITE_ADMIN	SITE_ADMIN
Table	SUBGEOG	SUBGEOG

Deselect

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Fig. 3 A

310

N: SCPS WorkSheet Definition - CGBALA ON WISDVL (ETISN57) - New WorkSheet Definition

File Help ☐ Read Only

Save Save As Print Run Exit Help Topics

Datasource: WISDVL Name: MYSAMPLE Description: Sample Updatable WorkSheet

Primary Comparison Relationships Columns Groups Sort Totals Constraints SQL Preferences

Relationships For: WISARD.SHIPREQ

Table Description	Outer Join	Extended Relationship	Relationship Name	Table Schema	Table Name
User Security Control			CONUSRID	EPPS	USER_SECUR
CHANNEL			CONCHAN	WISARD	CHANNEL
ITEM GEO MASTER			CONIGM	WISARD	ITEM GEO MASTER
ITEM MASTER		Y	R0001	WISARD	ITEM MASTER
EXT_PROJ_NAME_WORK		Y	R0171	WISARDV	EXT_PROJ_NAME_WORK
PLANNING_ITEM_WORK		Y	R0170	WISARDV	PLANNING_ITEM_WORK

312

☐ Enable Outer Join

Select All Deselect All

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Fig. 3B

320 322

N: SCPS WorkSheet Definition - CGBALA ON WISDVLT (ETISN57) - New WorkSheet Definition

File Help ☐ Read Only

Save Save As Print Run Exit Help Topics

Datasource: WISDVLT Name: MYSAMPLE Description: Sample Updatable WorkSheet

Primary Comparison Relationships Columns Groups Sort Totals Constraints SQL Preferences

Select Columns: Deselect Columns:

Primary Table All Columns Select Primary Table All Columns Deselect

Order	Key	Column Description	Column Name	Short Descriptic
1	Y	PLANNING_ITEM	PLANNING_ITEM	PLANNING_ITEM
2	N	MFG_LOC	MFG_LOC	MFG_LOC
3	Y	GEOGRAPHY	GEOGRAPHY	GEOGRAPHY
4	Y	SUB_GEOGRAPHY	SUB_GEOGRAPHY	SUB_GEOGRAPHY
5	Y	CHANNEL	CHANNEL	CHANNEL
6	Y	SUB_CHANNEL	SUB_CHANNEL	SUB_CHANNEL
7	N	FCST_ID	FCST_ID	FCST_ID
9	N	Jan 2001 - Y1M01	Y1M01	Jan_2001
10	N	Feb 2001 - Y1M02	Y1M02	Feb_2001
11	N	March 2001 - Y1M03	Y1M03	March_2001
8	N	Q1 2001 - SQL Computed Column	Y1Q01	Q1_2001

324

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Fig. 3C

330

**SCPS WorkSheet Definition - CGBALA ON WISDVLIT (ETISN57) - New WorkSheet Definition**

File Help ☐ Read Only

Save Save As Print Run Exit Help Topics

Datasource: WISDVLIT Name: MYSAMPLE Description: Sample Updatable WorkSheet

Primary Comparison Relationships Columns Groups Sort Totals Constraints SQL Preferences

Select Sort Order Columns:

	Order	Key	Column Description	Column Name	Short Description
1	1	Y	PLANNING_ITEM	PLANNING_ITEM	PLANNING_ITEM
2		N	MFG_LOC	MFG_LOC	MFG_LOC
3	2	Y	GEOGRAPHY	GEOGRAPHY	GEOGRAPHY
4	3	Y	SUB_GEOGRAPHY	SUB_GEOGRAPHY	SUB_GEOGRAPHY
5	4	Y	CHANNEL	CHANNEL	CHANNEL
6	5	Y	SUB_CHANNEL	SUB_CHANNEL	SUB_CHANNEL
7		N	FCST_ID	FCST_ID	FCST_ID
8		N	Q1 2001 - SQL Computed Column	Y1Q01	Q1_2001
9		N	Jan 2001 - Y1M01	Y1M01	Jan_2001
10		N	Feb 2001 - Y1M02	Y1M02	Feb_2001
11		N	March 2001 - Y1M03	Y1M03	March_2001
12		N	DESCRIPTION	DESCRIPTION	DESCRIPTION

Select All Deselect All

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Fig. 3 D

340

**SCPS WorkSheet Definition - CGBALA ON WISDVL [ETISN57] - New WorkSheet Definition**

File Help ☐ Read Only

Save Save As Print Run Exit Help Topics

Datasource: WISDVL Name: MYSAMPLE Description: Sample Updatable WorkSheet

Primary Comparison Relationships Columns Groups Sort Totals Constraints SQL Preferences

Row Grand Totals: Quantities In: Computed Columns:

☐ Display Row Grand Totals ☒ Unit ☐ Dec ☐ K ☐ M ☐ B ☒ Sum ☐ Average

Display Order	Sub-Total	Sub-Total Column	Sort Order	Key	Column Description
1			1	Y	PLANNING_ITEM
2				N	MFG_LOC
3			2	Y	GEOGRAPHY
4			3	Y	SUB_GEOGRAPHY
5			4	Y	CHANNEL
6			5	Y	SUB_CHANNEL

Define/Edit:

Sub-Totals Calculated Columns SQL Computed Columns Sub-Total Columns

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Fig. 3E

350

SCPS WorkSheet Definition - CGBALA ON WISDVL (ETISN57) - Sample Updatable WorkSheet

File Help ☐ Read Only

Save Save As Print Run Exit Help Topics

Datasource: WISDVL Name: MYSAMPLE Description: Sample Updatable WorkSheet

Primary Comparison Relationships Columns Groups Sort Totals Constraints SQL Preferences

Column Description

GEOGRAPHY  
SUB\_GEOGRAPHY  
CHANNEL  
SUB\_CHANNEL  
FCST\_ID  
Jan 2001 - Y1M01  
Feb 2001 - Y1M02

☒ Is ☒ Equal To  
☐ Is Not ☐ Similar To  
☐ Greater Than  
☐ Less Than  
☐ Between  
☐ Null

Get Values

Group: 1 Add Clear All Count

BRAND\_CODE in table WISARD.ITEM\_MASTER is equal to one of:  
'GON'  
'CGB'  
And  
GEOGRAPHY in table WISARD.SHIPREQ is equal to 'AP'

360

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Fig. 3F



365

SCPS WorkSheet Definition - CGBALA ON WISDVLT (ET[SN57] - Sample Updatable WorkSheet

File Help ☐ Read Only

Save Save As Print Run Exit Help Topics

Datasource: WISDVLT Name: MYSAMPLE Description: Sample Updatable WorkSheet

Primary Comparison Relationships Columns Groups Sort Totals Constraints SQL Preferences

Select TO."PLANNING\_ITEM", TO."MFG\_LOC", TO."GEOGRAPHY", TO."SUB\_GEOGRAPHY",  
TO."CHANNEL", TO."SUB\_CHANNEL", TO."FCST\_ID", (BIGINT(TO."Y1M01") + BIGINT(TO."Y1M02") +  
BIGINT(TO."Y1M03")) as "Y1Q01", TO."Y1M01", TO."Y1M02", TO."Y1M03", T2."DESCRIPTION" From  
(("WISARD"."SHIPREQ" As T0 INNER JOIN "WISARD"."ITEM\_MASTER" As T2 ON T2."PLANNING\_ITEM" =  
TO."PLANNING\_ITEM") Where ((T2."BRAND\_CODE" In ('GON', 'CGB') And TO."GEOGRAPHY" = 'AP'))  
Order By 1, 3, 4, 5, 6 For Fetch Only

Copy

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Fig. 36

N SCPS WorkSheet Definition - CGBALA ON WISDVLT - Sample Updatable WorkSheet

File Help ☐ Read Only

Save Save As Print Run Exit Help Topics

Datasource: WISDVLT Name: MYSAMPLE Description: Sample Updatable WorkSheet

Primary Comparison Relationships Columns Groups Sort Totals Constraints SQL Preferences

Preferences:

Header 1:

Header 2:

Footer: Sample Planning Worksheet

☐ Maximize Application Window at Startup

☐ Execute Query at Startup

☐ Show WorkSheet Definition at Startup

☒ Display Row Number in the Row Label

Multi-Line Column Header

Display Column and Background Color

☒ Auto-Size Columns

☐ Save the Commit Rules

Show/Hide Columns:

Display Order	Show Column	Column Descriptio
1	<input checked="" type="checkbox"/>	PLANNING_ITEM
2	<input checked="" type="checkbox"/>	MFG_LOC
3	<input checked="" type="checkbox"/>	GEOGRAPHY
4	<input type="checkbox"/>	SUB_GEOGRAPHY
5	<input type="checkbox"/>	CHANNEL
6	<input type="checkbox"/>	SUB_CHANNEL
7	<input checked="" type="checkbox"/>	FCST_ID
8	<input checked="" type="checkbox"/>	Q1 2001 - SQL Compu
9	<input checked="" type="checkbox"/>	Jan 2001 - Y1M01
10	<input checked="" type="checkbox"/>	Feb 2001 - Y1M02
11	<input checked="" type="checkbox"/>	March 2001 - Y1M03
12	<input checked="" type="checkbox"/>	DESCRIPTION

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Fig. 3H

315

N:SCPS Worksheet Definition - CGBALA ON WISDVL (ETISN57) - New Worksheet Definition

File Help ☐ Read Only

Save Save As Print Run Exit Help Topics

Datasource: WISDVL Name: COMPARE Description: Sample Comparison Worksheet

Primary Comparison Relationships Columns Groups Sort Totals Constraints SQL Preferences

Type: -All-

Schema: WISARD

Table Type	Table Description	Table Name
Table	Project Name Work Table	PROJ_NAME_WORK
Table	SCHEDR_SECURITY_ID	SCHEDR_SECURITY_ID
Table	SHIPCOM	SHIPCOM
Table	SHIPCOM 199811	SHIPCOM_PREV
Table	SHIPREQ	SHIPREQ

Deselect Validate Table

Comparison Options:

☒ Compare ☐ Compare with Delta ☐ Delta Only ☐ Significant Delta  %

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Fig. 3I

380

**N SCPS WorkSheet Definition - CGBALA ON WISDVLT (ETISN57) - New WorkSheet Definition**

File Help ☐ Read Only

Save Save As Print Run Exit Help Topics

Datasource: WISDVLT Name: MYSAMPLE Description: Sample WorkSheet

Primary Comparison Relationships Columns Groups Sort Totals Constraints SQL Preferences

**When Groups are Defined the Resulting WorkSheet Grid will be Read Only.**

	Order	Key	Column Description	Column Name	Short Description	
1	1	Y	PLANNING_ITEM	PLANNING_ITEM	PLANNING_ITEM	PLANN
2	2	N	MFG_LOC	MFG_LOC	MFG_LOC	MFG_L
3	3	Y	GEOGRAPHY	GEOGRAPHY	GEOGRAPHY	GEOG
4	4	Y	SUB_GEOGRAPHY	SUB_GEOGRAPHY	SUB_GEOGRAPHY	SUB_G
5	5	Y	CHANNEL	CHANNEL	CHANNEL	CHANN
6	6	Y	SUB_CHANNEL	SUB_CHANNEL	SUB_CHANNEL	SUB_C
7		N	FCST_ID	FCST_ID	FCST_ID	FCST_I
8		N	Jan 2001 V1M01	V1M01	Jan 2001	JAN 20

Select All Deselect All

☒ Define/Edit Grouping Order
 ☐ Define/Edit Column Functions
 ☐ Show Selections

Sum Apply Function

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Fig. 3J

425

435

SCPS Worksheet Edit Grid - CGBALA ON WISDVLT (ETISN57) - Sample Updatable Worksheet

File Edit Worksheet ToolBar Help Read Only

Save Changes Reload Print Import Export Exit Help Topics

Datasource: WISDVLT Name: MYSAMPLE Description: Sample Updatable Worksheet

Row	PLANNING ITEM	MFG LOC	GEO...	FCST ID	Q1 2001	JAN 2001	FEB 2001	MAR 2001	DESCRIPTION
1	0000001	RA	AP	200104	2600	400	700	1500	SAMPLE POWER UNIT
2	0000001	RA	AP	200104	400	0	100	300	SAMPLE POWER UNIT
3	0000001	RA	AP	200104	0	0	0	0	SAMPLE POWER UNIT
4	0000001	RA	AP	200104	3700	1000	1200	1500	SAMPLE POWER UNIT
5	0000001	RA	AP	200104	0	0	0	0	SAMPLE POWER UNIT
6	0000002	RA	AP	200106	53000	17000	20000	16000	BASIC PART A
7	0000002	RA	AP	200106	0	0	0	0	BASIC PART A
8	0000002	RA	AP	200106	12600	4300	4100	4200	BASIC PART A
9	0000002	RA	AP	200106	0	0	0	0	BASIC PART A
10	0000002	RA	AP	200106	770	170	210	390	BASIC PART A
11	0000003	RA	AP	200106	240000	80000	80000	80000	SAMPLE MEMORY UPGRADE
12	0000003	RA	AP	200106	172000	80000	12000	80000	SAMPLE MEMORY UPGRADE
13	0000003	RA	AP	200106	210000	80000	80000	50000	SAMPLE MEMORY UPGRADE
14	0000003	RA	AP	200106	240000	80000	80000	80000	SAMPLE MEMORY UPGRADE
15	0000003	RA	AP	200106	250000	80000	90000	80000	SAMPLE MEMORY UPGRADE

1833

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400

Fig. 4

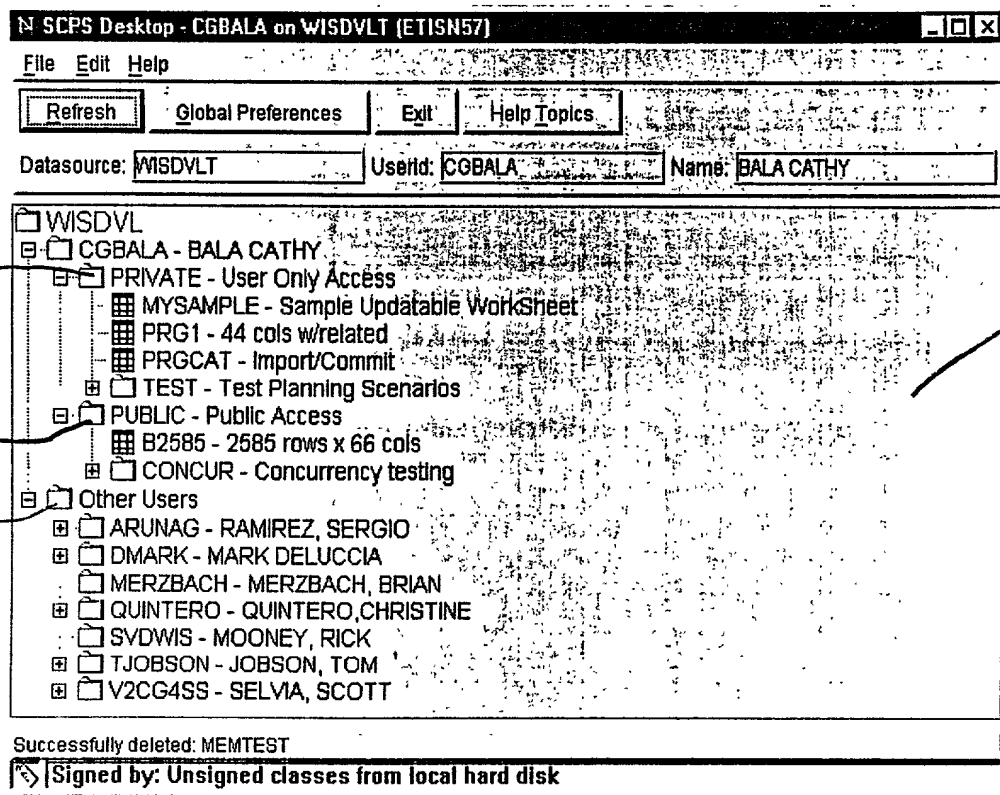


Fig. 5

N: SCPS WorkSheet Save Changes - CGBALA ON WISDVLT... X

Insert Errors:

Record already in Table(Data Identical)

☐ Bypass Record ☐ Report as Error ☐ UPDATE Record

Key already in Table(Data Different)

☐ Ignore Error ☐ Report Error ☐ Try UPDATE

Update Errors:

Record already in Table(Data Identical)

☐ Bypass Record ☐ Report as Error ☐ UPDATE Record

Record Not Found

☐ Ignore Error ☐ Report Error ☐ Try INSERT

Delete Errors:

Record Not Found

☐ Ignore Error ☐ Report Error

☒ Commit all successful changes even if there are errors.

☐ Rollback all changes if there are errors.

OK Reset Cancel

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Fig. 6A

**SCPS Cascade Utility - STES7 on TPFTST (ETISN53)**

File Edit Rows Toolbar Help

Save Save As. Exit Help

Database: TPFTST Name: NAME Description: Cascade Description

Table | Key Values

☒ Copy

☐ Rename Type: -All-

☐ Delete Creator ID: TPFACTV

Description	Table
ACF Reason Report	ACF_REAS_REPORT
Build Schedules	BUILD_SCHED
Build Schedule errors	BUILD_SCHED_ERROR
Build Schedules - Renamed	BUILD_SCHED_REN
Derived Ratio Sets	DERIVED_RATIO_SETS
Division Code Reference	DIV_REF
Family Code Table	FMLY_CD
Inventory Available for Netting	INV_AVAIL
Machine File	MACH_FILE
Machine Mfg Location	MACH_MFG_LOC
Part Number Attributes	PART_NUM_ATTR

Completed Fetching Table Names

Signed by: Unsigned classes from local hard disk

Fig. 6.B



620

SCPS Cascade Utility - STES7 on TPFTSTT (ETISN53)

File Edit Rows Toolbar Help

Clear All Insert Delete Run View / Print Save Log File Print Grid Help

Database: TPFTSTT Name: SAMPCASC Description: SAMPLE CASCADE

Table Key Values

Copy For: TPFACTV\_BUILD\_SCHED

Row	RC	MACH_NAME from	MACH_NAME to	PROD_TYPE from	PROD_TYPE to	MFG_LOC from	MFG_LOC to	SCHED_T... from	SCHED_T... to
1		00000001	00000009	BTO	BTO	RA	SP	72	74

Data Grid Cleared

Signed by: Unsigned classes from local hard disk

Fig. 6C

## SCPS Connection Manager

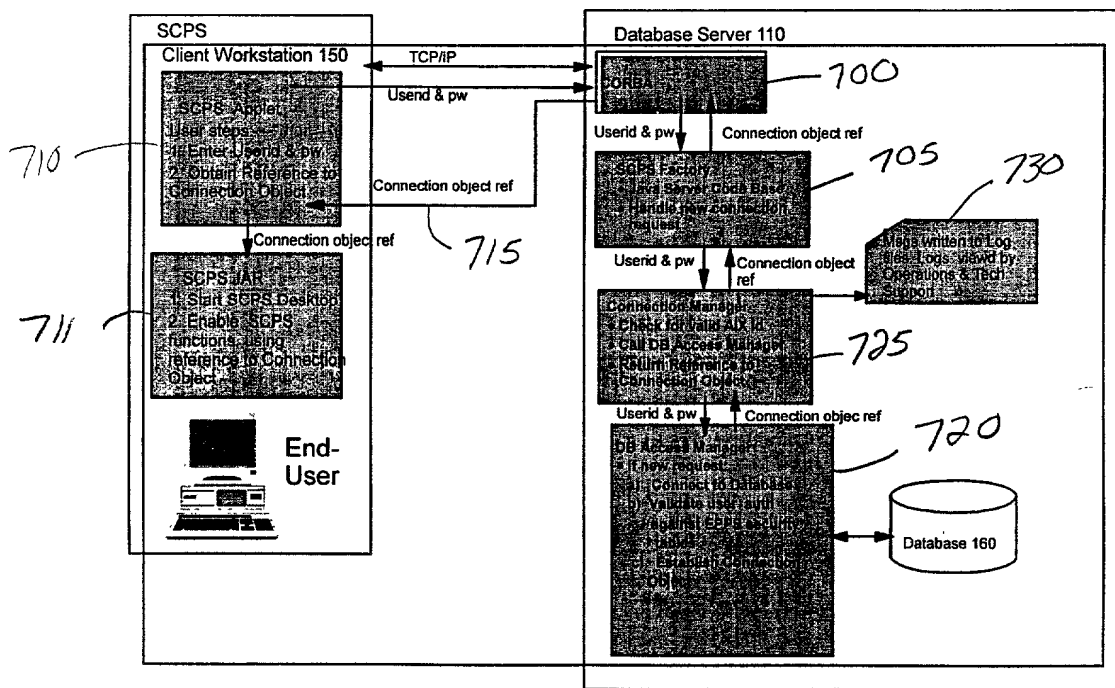


Fig. 7A

## SCPS Database Manager

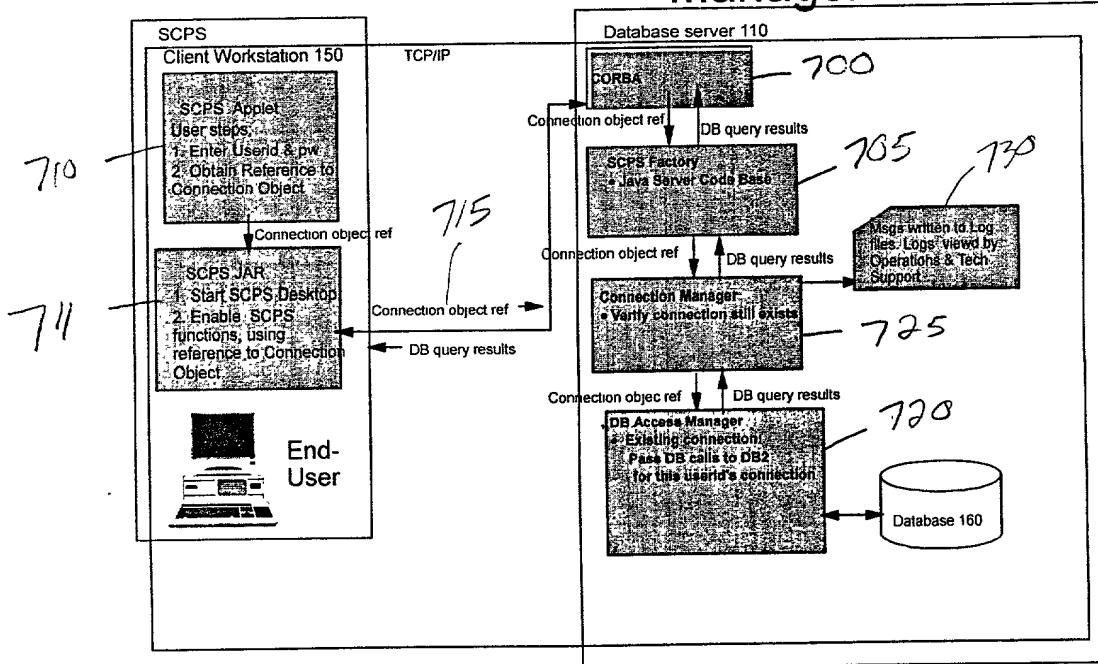


Fig. 7B

